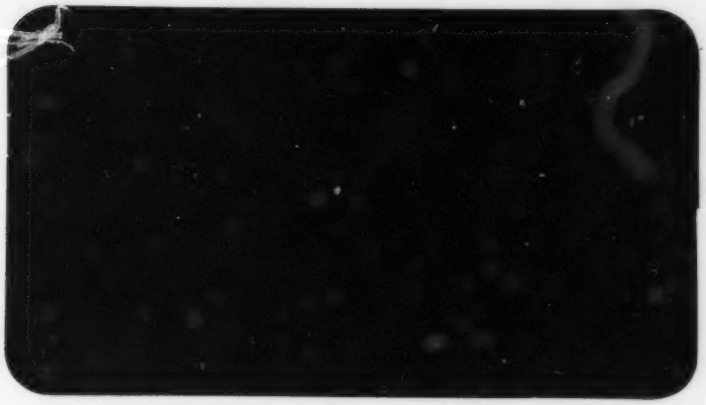
Manitoba Hazardous Waste
Management Corporation



Corporate Profile

The Manitoba Hazardous Waste Management Corporation is a commercial Crown corporation established to develop and operate a hazardous waste management system for Manitoba. Its mandate is to provide for the handling of provincially-regulated hazardous wastes from their source through to their treatment and disposal, consistent with high standards of public health, safety and environmental quality.

Environmental Policy Statement

The Manitoba Hazardous Waste Management Corporation is committed to the preservation and enhancement of environmental quality through the development of a hazardous waste management system for the Province. This undertaking is a fundamental element needed to achieve the broader objectives of universal environmental stewardship and sustainable economic development within Manitoba.

To reach these goals, the Corporation uses the following policy objectives as the basis for the performance of its work.

- Minimize waste generation and maximize resource conservation through the promotion and facilitation of waste reduction, recycling, re-use and recovery at source.
- Ensure that all activities involved with the handling, storage, treatment and disposal of waste and residue products are consistent with the protection of public health and environmental quality.
- Earn public approval of the system and its components through open and responsive communication and through public participation in all aspects of their development and operation.
- Encourage economic development through the provision of a cost-effective waste management system and the enhancement of environmentally based enterprises.
- Foster and promote contemporary environmental values and policies through public education and research, as well as by example.
- Assume, in perpetuity, the environmental stewardship of wastes and residues placed in the Corporation's custody.

Information regarding the activities and programs of the
Manitoba Hazardous Waste Management Corporation can be obtained from:
226-530 Century Street, Winnipeg, Manitoba R3H 0Y4
Telephone: (204) 945-1844 Toll Free in Manitoba 1-800-782-2474

MANITOBA HAZARDOUS WASTE MANAGEMENT CORPORATION

CORPORATE PROFILE

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MANITOBA HAZARDOUS WASTE MANAGEMENT CORPORATION

CORPORATE PROFILE

Head Office:

226-530 Century Street
Winnipeg, Manitoba
R3H OY4
Phone: (204) 945-1844
Fax: (204) 945-5519

Business Activities:

The Manitoba Hazardous Waste Management Corporation is a commercial Crown corporation established to develop and operate a hazardous waste management system for Manitoba. Its mandate is to provide for the management of hazardous wastes from their sources through to their treatment and disposal, consistent with high standards of public health, safety, and environmental quality.

The Corporation is currently involved in the study, design, business options assessment and market development work required to propose the first stage of the system's facilities. It also provides public and commercial services related to the handling, storage and brokerage of hazardous wastes.

Year End: December 31

Agency Status:

The Corporation is an agency of the Government of Manitoba.

Incorporation:

Manitoba Hazardous Waste Management Corporation was established under the Manitoba Hazardous Waste Management Corporation Act S.M. 1986, C10.

Minister Responsible: Honourable J. Glen Cummings

Members of the Board:

The Corporation is overseen by a Board of Directors having not fewer than seven (7) members appointed by the Lieutenant Governor in Council. Members of the Board hold office for a term of 2 years but are eligible for re-appointment to the Board. The Act allows the Minister to appoint one or more ex-officio members, however, these members have no voting privileges.

Mr. Don Vernon (Chairperson) (Member Audit Committee)	226 - 530 Century Street Winnipeg, Manitoba R3H OY4 Phone: 945-1844 (Bus.) Fax: 945-5519
Mr. Nazir Ahmad (Vice-Chairperson) (Chairman Personnel Committee) (Member Audit Committee)	35 Main Street Flin Flon, Manitoba R3A 1M9 Phone: 687-8227 (Bus.) 687-7079 (Res.)
Dr. Art Chow	Department of Chemistry University of Manitoba Winnipeg, Manitoba R3T 2N2 Phone: 474-9504 (Bus.)
Mr. Tom Edwards	291 Main Street Neepawa, Manitoba R0J 1H0 Phone: 476-2003 (Res)
Mr. Gary Gilmour	P. O. Box 1238 Winkler, Manitoba ROG 2XO Phone: 325-9573 (Bus.) 325-4254 (Res.)
Mr. Howard Gilmour	50 McDiarmid Road Pinawa, Manitoba ROE 1LO Phone: 753-2222
Ms. Beth Hojnocki (Member Personnel Committee)	P. O. Box 887 Roblin, Manitoba ROL 1PO Phone: 937-2128 (Bus.) 937-2931 (Res.)

Mr. G.H. MacKay, P.Eng. (Chairperson Audit Committee)	50 Devonport Boulevard Winnipeg, Manitoba R3P OA9 Phone: 888-9841 (Res.)
Ms. Rosalind Patterson (Member Personnel Committee)	P. O. Box 412 Pinawa, Manitoba ROE 1LO Phone: 753-8430 753-2311 Ext. 3195
Mr. Bert Sandercock (Member Audit Committee)	Lot 11 St. Clements Selkirk, Manitoba R1A 2A8 Phone: 482-3877
Mr. Richard J. Cooke (Ex-Officio Member)	4 Victoria Row Winnipeg, Manitoba Phone: 945-1867
Ms. Caroline Kaus (Ex-Officio Member)	1226 Wellington Cres Winnipeg, Manitoba Phone: 945-1888

Quorum:

Four members of the Board constitute a quorum.

Remuneration of Board Members:

Fees for Directors are established, and from time to time adjusted, by formal Minute of Cabinet.

Rates of remuneration are calculated on the basis of a "meeting". The rate for a meeting under 3 1/2 hours is $109 and the rate for a meeting over 3 1/2 hours is $192.

Senior Corporate Officers:

R. J. Cooke	President and Chief Executive Officer
C. E. Kaus	Secretary-Treasurer
E. Yee	Manager, System Development

Employees: 17

Auditor: Provincial Auditor

Acts Which May Directly Affect:

a) Province of Manitoba

* Manitoba Hazardous Waste Management Corporation Act
* The Environment Act
* The Dangerous Goods Handling and Transportation Act
* The Crown Corporations Public Review and Accountability and Consequential Amendments Act
* The Corporation Capital Tax Act
* The Health and Post Secondary Education Tax Levy Act
* The Civil Service Superannuation Act
* The Loan Act (in various years)
* Legislative Assembly & Executive Council Conflict of Interest Act
* The Waste Reduction and Prevention and Consequential Amendment Act
* The Ozone Depleting Substances Act

b) Government of Canada

* Environmental Contaminants Act, S.C. 1974-75, C.72
* Transportation of Dangerous Goods Act, S.C. 1980, C.36
* Canadian Environmental Protection Act

Regulations Which May Affect:

a) Province of Manitoba

* Manitoba Regulation 172/85 Respecting the Handling, Offering For Transport and Transporting of Dangerous Goods
* Manitoba Regulation 141/87, Amendment to MR 172/85
* Manitoba Regulation 175/87, Generator Registration and Carrier Licensing Regulation
* Manitoba Regulation 282/87, Respecting Classification Criteria For Products, Substances and Organisms
* Manitoba Regulation 439/87, Environmental Accident Reporting
* Regulation 138/88, Manifest Regulation
* Regulation 140/88, Generator and Carrier Licensing Regulation, Amendment to MR 175/87
* Manitoba Regulation 474/88, PCB Storage Site Regulation

b) Government of Canada

* Regulations Respecting the Handling, Offering for Transport and Transporting of Dangerous Goods, S.O.R./85-77

c) Province of Ontario

* Regulations under the Environment Protection Act, R.S.O. 1980, C141
  - O. Reg. 618/85
  - R.R.O. 1980, Reg. 309

Subsidiaries: None

Share Capital:

The share capital of the Corporation is $35,000,000 divided into 350,000 shares. The shares are issued and registered in the name of the Minister of Finance.

Issued and fully paid
January 1, 1990:

25,000 shares at $100 each - $2,500,000

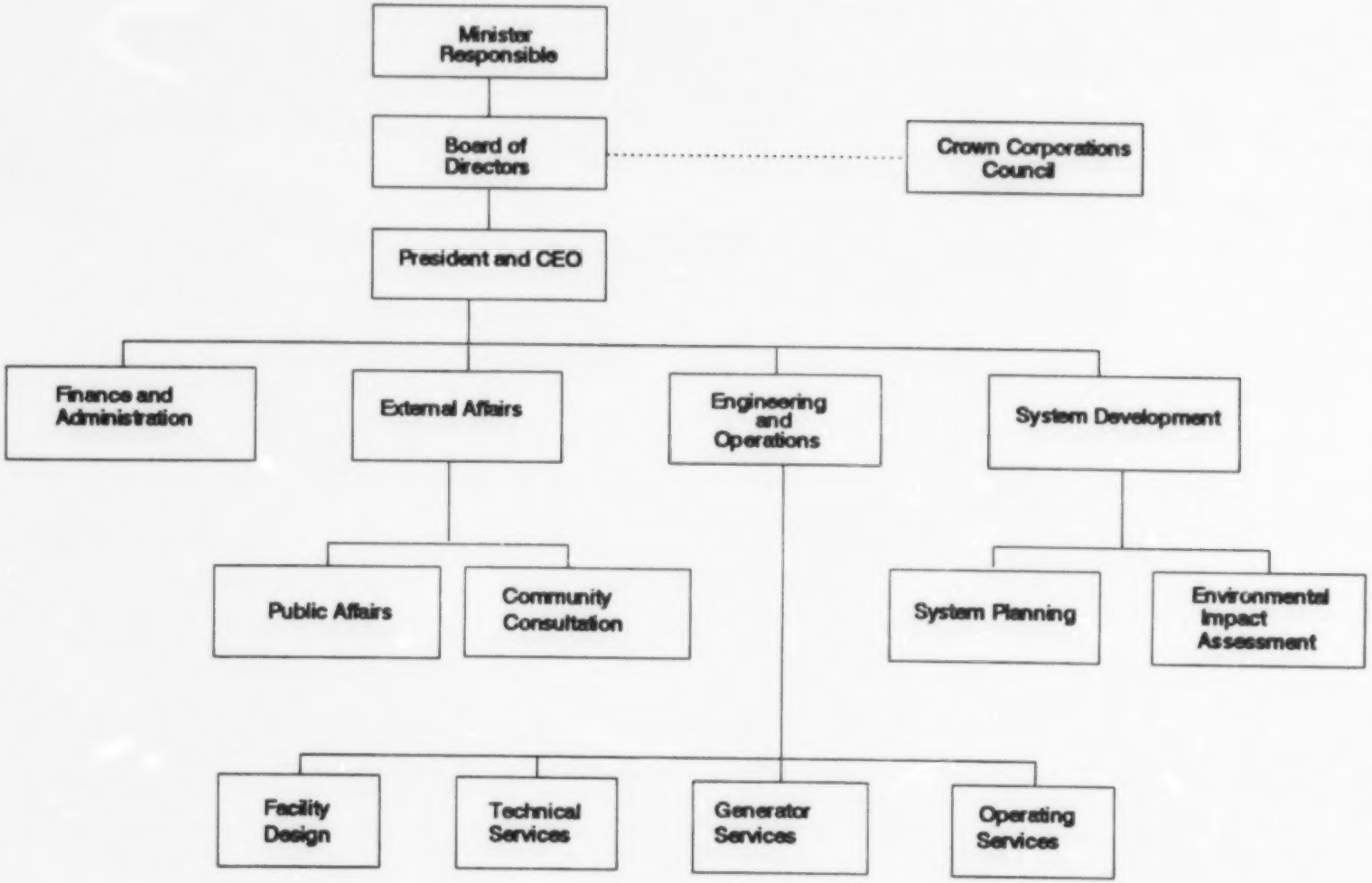
History:

1986 (November)	-	Corporation established pursaunt to the Manitoba Hazardous Waste Management Corporation Act S.M. C.10
1987 (February)	-	Appointment of Ronald L. (Nick) Carter as Chairperson
1987 (March)	-	Appointment of Board of Directors
1987 (July)	-	Amendments to Act establishing share capital of 35 million dollars divided into 350,000 shares
1987 (August)	-	Appointment of R.J. Cooke as Chief Executive Officer
1987 (December)	-	Board approval of Strategic Plan and Stage 1 Development Budget
1988 (February)	-	Initiation of detailed technology and market feasibility studies
1988 (April)	-	Board approval of facility siting process documentation
1988 (April)	-	The Honourable Edward J. Connery appointed Minister Responsible for the Corporation
1988 (July)	-	Public initiation of site selection activities and publication of proposed site selection process
1988 (September)	-	Direction from Minister responsible respecting the accreditation of the system's development
1988 (September)	-	Expansion of the Board of Directors and appointment of Nazir Ahmad as Vice-Chairman
1988 (October)	-	First publication of the Corporation's newsletter "The Waste Paper"
1988 (October)	-	The Corporation began commercial operations
1988 (October)	-	Receipt of a temporary operating order for the hazardous waste storage facility at Gimli.

1988 (November)	-	Completion of provincial screening phase of facility site selection
1988 (December)	-	Board approval of 1989 program and budget
1988 (December)	-	Receipt of transport licence for the transportation of hazardous waste
1989 (January)	-	Initiation of community specific consultation respecting siting of a hazardous waste management facility
1989 (April)	-	The Honourable J. Glen Cummings appointed Minister Responsible for the Corporation
1989 (April)	-	Formation of the first Community Advisory Committee to investigate development of a hazardous waste management facility
1989 (May)	-	Permit application for a hazardous waste collection depot in Winnipeg
1989 (August)	-	Change in method of funding the Corporation from the purchase of equity to the provision of funds through interest bearing advances
1989 (August)	-	Initiation of Site Evaluation (Rossburn)
1989 (October)	-	Initiation of Site Evaluation (Hamiota)
1989 (November)	-	Receipt of licence and began operation of Winnipeg Collection Depot
1990 (January)	-	Invitation to investigate siting in Winnipeg
1990 (January)	-	Approval of 1990 Budget
1990 (February)	-	Dropping of Rossburn Site due to lack of public acceptance
1990 (February)	-	Initiation of Site Evaluation (Pinawa)
1990 (March)	-	Appointment of Donald Vernon as Board Chairman
1990 (April)	-	Filing of Project Proposal for Major System Facilities
1990 (June)	-	Dropping of Hamiota Site due to lack of public acceptance
1990 (July)	-	Initiation of Winnipeg public consultation respecting Winnipeg site selection
1990 (July)	-	Initiation of "Generic Risk Assessment" work
1990 (November)	-	Initiation of Site Selection (Montcalm)

1991 (January)	-	Completion of initial Winnipeg site selection work
1991 (February)	-	Dropping of Pinawa Site for environmental reasons
1991 (March)	-	Approval of Winnipeg Site Selection by Winnipeg City Council
1991 (May)	-	Approval of CAC and R.M. Council of Montcalm Site
1991 (June)	-	Completion of Winnipeg Site Evaluation
1991 (August)	-	Completion of Montcalm Site evaluation
1991 (Sept. 25)	-	Montcalm community approval in a local referendum
1991 (Oct. 16)	-	Winnipeg Council confirmation of site investigation commitment
1992 (Feb. 28)	-	Board approval and recommendation to the Minister for the facility site selection in the R.M. of Montcalm.
1992 (Mar. 5)	-	Filing of Licence Application and Environmental Impact Assessment with Manitoba Environment

MANITOBA HAZARDOUS WASTE MANAGEMENT CORPORATION
ORGANIZATION CHART



Date: January 1992

MANITOBA HAZARDOUS WASTE MANAGEMENT CORPORATION

DONALD E. VERNON, C.A.

CHAIRMAN, BOARD OF DIRECTORS

Mr. Vernon is a Chartered Accountant by profession. After graduating in 1966, Mr. Vernon pursued a career in industry and government. His public sector experience is varied and diverse having held senior positions in a number of government departments in Manitoba, including Finance, Tourism, Recreation and Cultural Affairs, as well as Health and Social Services. Prior to returning to the accounting profession, he was Deputy Minister of Industry and Commerce. He is currently an audit and consulting partner with Deloitte & Touche in Winnipeg.

Mr. Vernon is very active with community affairs. He is a Past President of the Manitoba Chamber of Commerce, a Past President of the Winnipeg Art Gallery, a former Director of the Winnipeg Symphony Orchestra, a former Member of the Winnipeg Arts Advisory Committee, a former Finance Chairman of the Board of Norwood United Church. He is presently a Director of the Manitoba Chamber of Commerce.

MANITOBA HAZARDOUS WASTE MANAGEMENT CORPORATION

NAZIR AHMAD, B.SC.,M.SC.,C.A.

VICE CHAIRMAN OF THE BOARD

Mr. Ahmad is a Chartered Accountant by profession. He is a member of the Manitoba Institute of Chartered Accountants (1975) and a member of the Saskatchewan Institute (1980). Since 1975, he has been a partner in the public accounting firm of Ruse, Lunam and Ahmad in Flin Flon.

Mr. Ahmad obtained his Master of Agricultural Science from the University of Reading, England in 1967 and a Bachelor of Science in Agriculture from Pakistan in 1962.

Mr. Ahmad has a keen interest in community affairs and has served on the Board of Directors of several organizations. These include, Mayor of the City of Flin Flon, President of the Rotary Club, Chairman of Flin Flon Housing Co. Ltd. (a seniors' housing project), Founding Member and Finance Chairman of Norman Community Services Inc. (a home for adult handicapped), president of Flin Flon Trout Festival, Director of the Manitoba Chamber of Commerce, President elect, Flin Flon Chamber of Commerce, Member, Economic Development Commission and Acting Chairman, Local Advisory Council Flin Flon Region to Federal Minister of Labour re Canadian Job Strategy Program.

Mr. Ahmad has received recognition from his peers in his academic, professional and community service endeavour. He was awarded a scholarship to study for his Master's degree in England and a post graduate research grant from the University of Manitoba. He is a Fellow of the Chartered Accountants of Manitoba and an Honorary Citizen of Flin Flon and Paul Harris Fellow of the Rotary International.

MANITOBA HAZARDOUS WASTE MANAGEMENT CORPORATION

R.J. (RICK) COOKE, B.A.Sc., Ph.D., P.Eng.

PRESIDENT AND CHIEF EXECUTIVE OFFICER

Mr. Cooke is a professional engineer with eighteen years experience in a range of disciplines, including research and development, design engineering, project and executive management. He received his B.A.Sc. in Mechanical Engineering from the University of Waterloo, worked as a construction engineer and subsequently attended the University of Birmingham as an Athlone Fellow, where he received a Doctorate in Physical Metallurgy in 1973. Upon his return to Canada, he served as a Research and Regulatory Engineer with the Department of Energy, Mines and Resources and National Energy Board in Ottawa, working on northern pipeline technology.

In 1976, Mr. Cooke joined Nova, an Alberta Corporation, as Supervising Engineer responsible for materials design and quality assurance aspects of natural gas pipeline projects. Over the next eleven years, he held a number of progressively senior positions in the NOVA Group of Companies, including Executive Assistant to the President, Vice President, Procurement and Logistics with Foothills Pipelines Ltd. and Vice President, Project Services with Husky Oil Operations Ltd. Through this period, he was involved in the management of various major capital projects, including the Alaska Highway pipeline, the Arctic LNG project, the TQM pipeline, the Bi-provincial Upgrader project, a major refinery expansion, various heavy oil production projects and offshore oil and gas development. His specific responsibilities covered procurement, transportation, project controls, labour relations, quality assurance, materials engineering, environmental and socio-economic impact assessment, and government negotiations.

In August of 1987, he assumed his current position with the newly created Manitoba Hazardous Waste Management Corporation. In this position he assumes executive management responsibility for the development and business affairs of the Corporation as well as acting as its principal spokesperson with the many external groups interested in its activities.

Outside of his business responsibilities, Mr. Cooke holds appointments as an Adjunct Professor in the Natural Resources Institute, University of Manitoba and lecturer at The Banff School of Management. He is a member of the Winnipeg Chamber of Commerce, Manitoba Environmental Network, Sierra Club of Canada and Air & Waste Management Association.

MANITOBA HAZARDOUS WASTE MANAGEMENT CORPORATION

EDWIN J. YEE, B.Sc.

MANAGER, SYSTEM DEVELOPMENT

Mr. Yee has twenty-one years experience in a range of disciplines, including analytical chemistry, environmental monitoring, hazardous waste management, and regulatory management. He received his B.Sc. in Microbiology from the University of Manitoba in 1971.

Mr. Yee was employed by the Province of Manitoba from 1971 to 1987. From 1971 to 1979, he was a chemist in the trace metal analysis areas at the Manitoba Technical Services Laboratory, responsible for supervision of staff and research and development of analytical capability. During this time, he provided chemical expertise to the provincial Waste Management Section. In 1979, Mr. Yee joined the Waste Management Section as an environment officer in charge of the Hazardous Materials area. In this capacity, he provided disposal information and assistance to hazardous waste generators, developed and delivered educational programs on chemical safety and hazardous waste management and was part of the Manitoba Emergency Response Team.

In 1982, he became the Provincial Coordinator of Hazardous Waste, responsible for the development and implementation of the Hazardous and Special Waste Management Program and coordinator of the Manitoba Transport of Dangerous Goods Program. In this senior position, he was responsible for the review and assessment of technical information, the development of legislation, regulations and policy respecting dangerous goods and hazardous waste management, the coordination of provincial enforcement and training, and the development and delivery of public information programs.

In November of 1987, he assumed his current position with the newly created Manitoba Hazardous Waste Management Corporation as the senior technical professional on the Corporation's staff. Mr. Yee supervises waste reduction, operations and market identification activities undertaken by the Corporation. In addition, he acts as a corporate spokesperson for the Corporation's activities. As a national authority on the subject, Mr. Yee has served on the Toxic Substances Advisory Committee for the Canadian Council of Resource and Environmental Ministers and is currently serving with national working groups on hazardous waste management, PCB phase-out strategy and transborder movement of waste.

MANITOBA HAZARDOUS WASTE MANAGEMENT CORPORATION

CAROLINE E. KAUS, B.A.,M.A.,C.M.A.

MANAGER, FINANCE AND ADMINISTRATION

Ms Kaus has fifteen years experience working as an economist and financial manager in the public sector. She received a Masters degree in Economics from the University of Manitoba and holds a professional accounting designation from the Society of Management Accountants of Manitoba and a diploma in risk management from the Insurance Institute of Canada.

Ms Kaus joined the Provincial Government in 1976 and worked for various government agencies as an economist and research analyst. This was followed by five years with Transport Canada working as a systems analyst and financial officer. During this period, she was involved in setting up new systems in the administrative and financial areas of the Department. In 1983, Ms Kaus joined the newly created provincial Department of Crown Investments as the senior financial analyst responsible for developing reporting systems for the commercial Crown corporations.

In September 1987, Ms Kaus assumed her current position with the newly created Manitoba Hazardous Waste Management Corporation as the Manager of Finance and Administration. As the Senior Financial Officer of the Corporation, her responsibilities encompass the establishment and maintenance of the Corporation's financial controls, administrative practices and long range business planning. She also acts as Secretary-Treasurer to the Corporation's Board of Directors.

MANITOBA HAZARDOUS WASTE MANAGEMENT CORPORATION

J.S. (JOHN) McCABE, B.E.SC., P.Eng.

MANAGER, ENGINEERING & OPERATIONS

Mr. McCabe is a professional engineer with twelve years experience in a wide range of engineering disciplines. These include engineering, project management, cost estimating, scheduling and construction management. He received his B.E.Sc. in Mechanical Engineering from the University of Western Ontario.

Mr. McCabe's industrial experience began with Babcock and Wilcox Canada Ltd., where he was involved in the construction of both thermal and nuclear power generating stations. In 1982, he assumed a Project Engineering position with Husky Oil Operations Ltd. In this capacity, he participated in the onsite management of a refinery expansion, and conceptual design and feasibility analyses of a major heavy oil upgrading facility, including construction planning, capital cost estimating and contract administration.

In January of 1988, he assumed his current position with the Manitoba Hazardous Waste Management Corporation, applying his extensive technical and commercial experience with projects utilizing process technologies. Mr. McCabe currently supervises the Corporation's conceptual design and technology evaluation work. In addition, he oversees the commercial administration of the Corporation's external commitments, and the technical aspects of the Corporations facilities and commercial services.

MANITOBA HAZARDOUS WASTE MANAGEMENT CORPORATION

ALUN B. RICHARDS, B.Sc.,M.Phil.,M.C.I.P.

MANAGER, EXTERNAL AFFAIRS

Mr. Richards is a senior socio-economic and community planner with fourteen years of experience in industry, government and consulting. He received his B.Sc. in Geography from the University of Saskatchewan in 1972 and his Master of Philosophy in Environmental Sciences from the University of East Anglia (England) in 1975. As a Member of the Canadian Institute of Planners for the past eight years, he has had professional exposure to the wide range of land use issues on the Prairies.

Upon completion of his university studies, Mr. Richards worked on several impact assessment and land use planning projects in Saskatchewan. During this time, he also taught university level courses in physical and regional Geography for the University of Saskatchewan. In 1981, he joined Petro-Canada Resources as Coordinator of Socio-Economic Assessment. During the following five years he designed, prepared and supervised impact assessment, community liaison and economic development projects across Canada.

In 1986, Mr. Richards established a community planing, socio-economic and resource management consulting business and conducted socio-economic and program evaluation work for clients from both industry and government.

In January 1988, he joined the Manitoba Hazardous Waste Management Corporation and began the task of incorporating socio-economic and community issues into the Corporation's project planning and implementation activities. His specific responsibilities include supervision of public information programs, development of social criteria for facility siting and liaison with government agencies and other external stakeholders in the Corporation's activities.

MANITOBA HAZARDOUS WASTE MANAGEMENT CORPORATION

BARBARA CONNELL, B.A. (Hons.), M.N.R.M.

SOCIAL IMPACT ASSESSMENT AND COMMUNITY CONSULTATION COORDINATOR

Ms. Connell holds a degree in cultural Anthropology and a Master's degree in Natural Resources Management from the University of Manitoba. She has several years experience in the field of resources management both within government and private consulting firms. Her early experience involved heritage resources management research and archaeological field studies related to resource development projects throughout western and northern Canada.

Over the last several years, she has worked in a consulting capacity on a number of diverse projects which have required research and report preparation for different clients. She has had a significant involvement with native organizations and has undertaken research in areas of co-management of fisheries, wildlife and wild rice, and native self-government. Barbara has also prepared background negotiation reports for the federal government related to northern Manitoba hydro projects and their environmental, social and economic impacts to northern residents. She worked as a policy analyst for the federal government and was responsible for undertaking policy analysis research and developing recommendations for implementation of federal obligations under the Northern Flood Agreement.

As part of a federal-provincial landfill study, Ms. Connell documented and assessed a number of landfills in Manitoba in terms of their potential health and environmental hazards. She has participated in other research and public program evaluation projects with consulting firms.

As a Research Associate at the University of Manitoba, she prepared the background material for a course on Public Participation and Resources Management. She is a guest lecturer at the Natural Resources Institute, University of Manitoba on the topic of public involvement in siting of hazardous waste management facilities.

Barbara joined the Corporation in January, 1989 to facilitate the community consultation work related to siting a facility in Manitoba. Her duties involve conducting the socio-economic impact assessment research, developing specific policies related to social and economic issues, and facilitating community involvement in the project development. She brings to the Corporation considerable experience dealing with diverse interest groups, expertise related to social impacts and policy analysis, and knowledge of impacts management programs and resource development projects.